

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G11B7/09

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 22, 9 March 2001 (2001-03-09) -& JP 2001 134960 A (PIONEER ELECTRONIC CORP), 18 May 2001 (2001-05-18) abstract	1-4, 11-13
Y		5-10, 14-20
A		21-24
P,X	-& US 6 657 930 B1 (NOMOTO TAKAYUKI) 2 December 2003 (2003-12-02) column 1, line 14 - line 50	1-4, 11-13
P,Y		5-10, 14-20
P,A	column 3, line 58 - column 7, line 36; figures 1-4	21-24
Y	US 2002/039331 A1 (PARK SANG ON) 4 April 2002 (2002-04-04) paragraphs '0004! - '0026!; figures 1-3c	5-10, 14-20
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the International search

10 September 2004

Date of mailing of the International search report

17/09/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 98/49679 A (KONINKL PHILIPS ELECTRONICS NV ; PHILIPS SVENSKA AB (SE)) 5 November 1998 (1998-11-05) the whole document -----	1-24

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Information on patent family members

onal Application No
IB2004/050683

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JP 2001134960 A	18-05-2001	US	6657930 B1	02-12-2003
US 6657930 B1	02-12-2003	JP	2001134960 A	18-05-2001
US 2002039331 A1	04-04-2002	KR	2002026677 A	12-04-2002
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